

Kobe Sarausad

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Education

University of Washington Bachelor of Science in Statistics GPA: 3.55/4.00	Seattle, WA	June 2023
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Bellevue College GPA: 3.78/4.00 *Dual Enrollment	Bellevue, WA	June 2019
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Experience

Private Tutor/Coach Tutor/Coach	Issaquah, WA	Jun 2021 - Present
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- Coached tennis to novice client
- Taught Python basics and tutored school subjects to client

TGA Tennis Coach	Issaquah, WA	May 2017 - Aug 2020
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- Lead groups of kids (upwards of 30)
- Organized drills
- Coordinated with other coaches

Hybrid Architecture Architect Intern	Seattle, WA	Jun 2018 - Sep 2018
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- Organized and updated spreadsheets of materials used for projects
- Assisted at ongoing project sites
- Documented the environment and surroundings of future project sites

Projects

- Used Singular Value Decomposition to analyze political ideology differences of legislators ([R](#)) [STAT 302]
- Used Shiny in R to build an interactive web dashboard for visualizing NFL betting/game data ([R](#)) [INFO 201]
- Built an R package from the ground up ([R](#)) [STAT 302]

Skills

- **Software Tools:** Rstudio, Terminal, Eclipse, Jupyter Notebook, Virtual Studio Code, Atom, Tableau, Adobe Photoshop, Adobe Lightroom
- **Computing:**
 - **Proficient:** R
 - Data Analysis: tidyverse, hypothesis testing, statistical prediction, principal component analysis
 - Reporting: ggplot2, RMarkdown, Shiny
 - Development: R package development, unit testing, code coverage, version control via GitHub
 - **[Basic/Familiar]:** git, bash, Python, Java, HTML, CSS, JavaScript

Coursework

- Data Structures and Algorithms ([CSE 373](#))
- Foundational Skills for Data Science ([INFO 201](#))
- Statistical Computing ([STAT 302](#))
- Elements of Statistical Methods ([STAT 311](#))
- Data Science and Statistics for Social Science ([STAT 321](#))